

**Listing of Claims:**

1. (Currently Amended) A mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the mobile communication system comprising:

means a unit for retaining a flag indicating whether the mobile router is active or not;

means a unit for inquiring about routing address information for the mobile router based on the a value of the retained flag when paging is performed to at least one of the mobile node nodes; and

means a unit for performing paging to the mobile node using the obtained routing address information as a result of the inquiry.

2. (Currently Amended) The mobile communication system according to claim 1[;], further comprising means a unit for setting the flag to a first value indicating an active state in response to a first signal sent from the mobile node and indicating a start of communication, and setting the flag to a second value indicating a dormant state in response to a second signal sent from the mobile node and indicating an end of communication.

3. (Currently Amended) A mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the mobile communication system comprising:

a routing manager comprising:

a table for storing routing address information for the mobile router; and

~~means a unit~~ for, when the routing address information for the mobile router in the table is updated, notifying the updated routing address information; and

a location manager comprising:

a table for storing the routing address information notified by the routing manager as location area information for the mobile router; and

~~means a unit~~ for performing paging to at least one of the mobile node nodes using the location area information stored in the table.

4. (Currently Amended) A location manager wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the location ~~manager manager~~ comprising:

~~means a unit~~ for retaining a flag indicating whether the mobile router is active or not;

~~means a unit~~ for inquiring about routing address information for the mobile router based on ~~the a~~ value of the retained flag when paging is performed to at least one of the mobile node nodes; and

~~means a unit~~ for performing paging to the mobile node using the routing address information obtained as a result of the inquiry.

5. (Currently Amended) The location manager according to claim 4[;]  
further comprising ~~means a unit~~ for setting the flag to a first value indicating an active state in response to a first signal sent from the mobile node and indicating a start of communication, and setting the flag to a second value indicating a dormant state in response to a second signal sent from the mobile node and indicating an end of communication.

6. (Currently Amended) A location manager wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the location ~~manager manager~~ comprising:

a table for storing routing address information for the mobile router, which is notified whenever the routing address information is updated, as location area information for the mobile router; and

means a unit for performing paging to at least one of the mobile node nodes using the location area information stored in the table.

7. (Currently Amended) A routing manager used for a mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the routing manager comprising:

a table for storing routing address information for the mobile router; and  
means a unit for replying the routing address information stored in the table in response to an inquiry from a location manager about the routing address information for the mobile router.

8. (Currently Amended) A routing manager used for a mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the routing manager comprising:

a table for storing routing address information for the mobile router; and  
means a unit for, when the routing address information for the mobile router in the table is updated, notifying the updated routing address information to a location manager.